



PTO/SB/08a (08-03)

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of info unless it contains a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known	
		Application Number	10/689,305
		Filing Date	October 20, 2003
		First Named Inventor	Tsutomu Imoto
		Group Art Unit	2829
Examiner Name	DAVID ZARNEKE		
Attorney Docket Number	09792909-5755		
Sheet	1	of	2

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
PAC	1	US-4,298,401	11-03-1981	Nuez et al.	
	2	US-4,228,450	10-14-1980	Anantha et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ³
		Country Code ⁴ Number ⁴ Kind Code ⁵ (if known)				
PAC	3	JP 4-03-169063	07-22-1991	Matsuoka		<input type="checkbox"/>
	4	JP 4-04-067666	03-03-1992	Segawa et al.		<input type="checkbox"/>
	5	JP 4-05-114699	05-07-1993	Otsuki		<input type="checkbox"/>
	6	JP 4-05-315547	11-26-1993	Fujii		<input type="checkbox"/>
	7	JP 4-01-268049	10-25-1989	Yamaguchi		<input type="checkbox"/>
	8	JP 3-62-143478	06-26-1987	Nishii		<input type="checkbox"/>
	9	JP 3-62-060252	03-16-1987	Hosono		<input type="checkbox"/>
	10	JP 3-61-002361	01-08-1986	Akamatsu		<input type="checkbox"/>
	11	JP 3-57-018354	01-30-1982	Ishibashi		<input type="checkbox"/>
	12	JP 3-54-056777	05-08-1979	Umehara		<input type="checkbox"/>
	13	JP 3-53-426875	11-06-1978	Masuda et al.		<input type="checkbox"/>

Examiner Signature		Date Considered	2/16/05
--------------------	--	-----------------	---------

23129220V-1

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



Please type a plus sign (+) inside this box ☐ +

PTO/SB/08B (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of info unless it contains a valid OMB control no.

Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/689,305
				Filing Date	October 20, 2003
				First Named Inventor	Tsutomu Imoto
				Group Art Unit	2829
				Examiner Name	DAVID ZARNEKE
Sheet	2	of	2	Attorney Docket Number	09792909-5755

OTHER ITEMS - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
OTZ	14	GOTO et al., "Two Dimensional Numerical Simulation of Side-Gating Effect in GaAs MESFET's," IEEE, 1990, pp. 1821-1827, Vol. 37.	

Examiner Signature		Date Considered	2/16/05
-----------------------	--	--------------------	---------

23129117V-1

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.